

UNIVERSITY OF CALIFORNIA, SANTA BARBARA

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SANTA BARBARA • SANTA CRUZ

CAMPUS DESIGN & FACILITIES

CONTRACTING SERVICES
Building 439
Santa Barbara, California 93106-1030
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SENT VIA: FAX ON THIS DATE
 HAND DELIVERY ON THIS DATE
 FEDERAL EXPRESS ON THIS DATE
 UNITED PARCEL SERVICE ON THIS DATE

HOLDERS OF PLANS AND SPECIFICATIONS:

North Campus Faculty Housing – Phase I
Project No. FM 100029L/ 986305
Addendum No. THREE

December 2, 2009

Enclosed is **ADDENDUM NO. THREE** to the Construction Documents on the above-captioned project.

Please note the **Bid Date** has been **changed** to: Tuesday, January 19, 2010 at 2:30 PM to be held at:

CONTRACTING SERVICES
Facilities Management, Bldg. 439,
Door #E, Reception Counter
University of California, Santa Barbara
Santa Barbara, CA 93106-1030.

Late arrivals shall be disqualified. Please allow time for unforeseen traffic delays, securing a parking permit and potential parking problems.



Anna Galanis
Director, Contracting Services

ADDENDUM NUMBER 3

to the

Construction Documents

December 2, 2009

GENERAL

The following changes, additions or deletions shall be made to the following document(s) as Indicated; all other conditions shall remain the same.

I. ADVERTISEMENT

Item No.

1. Announcement to Pre-Qualified Bidders, second page, sixth paragraph, sentence beginning with, “Bid Deadline...” **CHANGE** to read in it’s entirety as follows:
“Bid Deadline: Sealed bids must be received on or before 2:30PM on Tuesday, January 19, 2010. Sealed Bids will be received only at: Contracting Services, Facilities Management, Building #439, Door # Reception Counter, University of California, Santa Barbara, Santa Barbara, CA 93106-1030.”

II SUPPLEMENTARY INSTRUCTIONS TO BIDDERS

Item No.

1. Number 4, **CHANGE** to read in it’s entirety as follows:
“Bids will be received on or before the Bid Deadline: 2:30PM, Tuesday, January 19, 2010, and only at: Contracting Services, Facilities Management, Building 439, Door E, Reception Counter, University of California, Santa Barbara, Santa Barbara, California, 93106-1030.”

III. SPECIFICATIONS

Item No.

1. Table of Contents
ADD 03225 – Under-Slab Vapor Barrier
2. Table of Contents
ADD 04220 - – Concrete Masonry Units
3. Table of Contents
ADD 06190 - – Wood Trusses, Light Metal Plate Connected, For Roof Systems Design Build
4. Table of Contents
DELETE 09615 – Sound Isolation Underlayment
5. Section 03225 – Under-Slab Vapor Barrier, 2 pages, dated December 01, 2009 (attached herewith)
ADD in its entirety
6. Section 04220 – Concrete Masonry Units, 4 pages, dated November 23, 2009 (attached herewith)
ADD in its entirety
7. Section 04720 – Cast Stone
Part 2 – Products, 2.1 Manufacturer **ADD** the following:
“B. Manufactured adhered stone veneer: Custom Coral Reef #1176 by Eldorado Stone. Precast concrete trim: Napa Valley, cast stone or equal, paint grade.”
8. Section 06181 – Glue Laminated Timber (footer reads: Rough Carpentry – 06100-5) 1 page is a duplicate section. **DELETE** in its entirety **REFER, REPLACE and USE:**
Section 06181 – Glue Laminated Timber (footer reads: Glue Laminated Timber – 06181-1 and -2) 2 pages, included in the Contract Documents issued.
9. Section 06190 – Wood Trusses, Light Metal Plate Connected, For Roof Systems Design Build (footer reads: Rough Carpentry – 06100-7) 1 page **and** Section 06190 – Wood Trusses, Light Metal Plate Connected, For Roof Systems Design Build (footer reads: Wood Trusses, Light Metal Plate Connected For Roof Systems Design Build – 06183-1 and 06183-2) 2 pages
DELETE in their entirety and **REPLACE** with and attached herewith:
“Section 06190 – Wood Trusses, Light Metal Plate Connected, For Roof Systems Design Build, 1 page, dated 12/01/09”
10. Section 06200 – Interior Finish Carpentry
Part 2 Products, 2.1 Materials
B. Interior Wood Casework RSI Professional Cabinet Solutions:
1. Species for Transparent Finish: Maple Wood, species **DELETE** TBD
11. Section 06200 – Interior Finish Carpentry
Part 2 Products, 2.1 Materials

- D. Bathroom Countertops:
1. “Corian” by Dupont, **ADD** “Price Level Group B”, or equal
12. Section 06200 – Interior Finish Carpentry
Part 2 Products, 2.1 Materials
- E. Interior Wood Trim:
1. MDF “Green Building” compliant manufactured by Burton Mouldings **ADD**
 - a. Baseboard, MDF - #b244, 1-1/2”x4” (with factory applied primer)
 - b. Casing, MDF - #c326, 5/8”x3” (with factory applied primer).”
13. Section 09260 – Gypsum Board Assemblies
Part 3 – Execution, 3.1 Installation, B. Tape and Joint Compound, **ADD** the following sentence:
“Level 2 finish in all garages.”
14. Section 09615 – Sound Isolation Underlayment
DELETE in its entirety.
15. Section 11450 – Residential Appliances
Part 2 – Products, 2.1 Materials
DELETE A in its entirety and **REPLACE** with:
“A. Provide and install residential appliances as follows:
1. Whirlpool Gold 30” Slide-In Gas Range. Model No. GW399LXUS. Color: Stainless Steel.
 2. Whirlpool Gold 1.8 cu. Ft. Microwave Hood Combination. Model No. GMH5184XVQ. Color: Stainless Steel.
 3. Whirlpool Gold 25 cu. Ft. ENERGY STAR Qualified Side-by Side Refrigerator. Color: Monochromatic Stainless Steel.
 4. Whirlpool Built-In Super Capacity Tall Tub Dishwasher ENERGY STAR Qualified. Model No. GU2475XTVY. Color: Monochromatic Stainless Steel.
 5. Whirlpool ENERGY STAR Qualified Duet 4.1 cu. Ft. Front Load Washer. Model No. WFW9400SW. Color: Silver Metallic-on-White.
 6. Whirlpool Duet 7.2 cu. Ft. Dryer, Gas Model No. WGD9400SW. Color: Silver Metallic-on-White.
 7. Whirlpool Combination Washer/GasDryer. Model No. WGT3300SQ. Color: White-on-White.”

16. Section 15410 – Plumbing Fixtures
 Part 2 – Products
ADD in its entirety:
 “2.7 Plumbing Fixture Specifications

LOCATIONS	
Master Bath: Bldg's 100A, 100B, 100BX	<u>30" towel bar</u> Manufacturer: Kohler Model #: K-14437-CP Color/Finish: Polished Chrome Style: Purist Location: Opposite wall of bathtub faucet
	<u>Robe hook</u> Manufacturer: Kohler Model #: K-14443-CP Color/Finish: Polished Chrome Style: Purist Location: Walk-in-closet door
	<u>Toilet tissue holder</u> Manufacturer: Kohler Model #: K-14444-CP Color/Finish: Polished Chrome Style: Purist Location: Adjacent to toilet, opposite of door
	<u>Towel ring</u> Manufacturer: Kohler Model #: K-14441-CP Color/Finish: Polished Chrome Style: Purist Location: adjacent to sink on water closet side
(Bath 2): Bldg's 100A, 100B, 100BX	<u>30" towel bar</u> Manufacturer: Kohler Model #: K-14437-CP Color/Finish: Polished Chrome Style: Purist Location: Adjacent wall of bathtub
	<u>Robe hook</u> Manufacturer: Kohler Model #: K-14443-CP Color/Finish: Polished Chrome Style: Purist Location: Bathtub and toilet door
	<u>Toilet tissue holder</u> Manufacturer: Kohler Model #: K-14444-CP Color/Finish: Polished Chrome Style: Purist Location: Adjacent to toilet, opposite of bathtub
	<u>Towel ring</u> Manufacturer: Kohler Model #: K-14441-CP Color/Finish: Polished Chrome Style: Purist Location: adjacent to sink on toilet side
(Powder): Bldg's 100A, 100B, 100BX	<u>Toilet tissue holder</u> Manufacturer: Kohler Model #: K-14444-CP Color/Finish: Polished Chrome Style: Purist

	<p>Location: Adjacent to toilet</p> <p><u>Towel ring</u> Manufacturer: Kohler Model #: K-14441-CP Color/Finish: Polished Chrome Style: Purist Location: adjacent to sink</p>
Master Bath: Unit 4's	<p><u>Robe hook</u> Manufacturer: Kohler Model #: K-14443-CP Color/Finish: Polished Chrome Style: Purist Location: Toilet room door</p>
	<p><u>Toilet tissue holder</u> Manufacturer: Kohler Model #: K-14444-CP Color/Finish: Polished Chrome Style: Purist Location: Adjacent to water closet, opposite of door</p>
	<p><u>Towel ring</u> Manufacturer: Kohler Model #: K-14441-CP Color/Finish: Polished Chrome Style: Purist Location: adjacent to sink wall on toilet side</p>
(Bath 2): Unit 4's	<p><u>30" towel bar</u> Manufacturer: Kohler Model #: K-14437-CP Color/Finish: Polished Chrome Style: Purist Location: Adjacent wall of bathtub</p>
	<p><u>Robe hook</u> Manufacturer: Kohler Model #: K-14443-CP Color/Finish: Polished Chrome Style: Purist Location: At door</p>
	<p><u>Toilet tissue holder</u> Manufacturer: Kohler Model #: K-14444-CP Color/Finish: Polished Chrome Style: Purist Location: On vanity side</p>
	<p><u>Towel ring</u> Manufacturer: Kohler Model #: K-14441-CP Color/Finish: Polished Chrome Style: Purist Location: adjacent to sink wall on toilet side</p>
(Powder): Unit 4's	<p><u>Toilet tissue holder</u> Manufacturer: Kohler Model #: K-14444-CP Color/Finish: Polished Chrome Style: Purist Location: On adjacent wall opposite of pedestal</p>
	<p><u>Towel ring</u> Manufacturer: Kohler Model #: K-14441-CP Color/Finish: Polished Chrome Style: Purist Location: adjacent to sink wall</p>

Master Bath: Unit 5's	<u>30" towel bar</u> Manufacturer: Kohler Model #: K-14437-CP Color/Finish: Polished Chrome Style: Purist Location: Adjacent wall of bathtub
	<u>Robe hook</u> Manufacturer: Kohler Model #: K-14443-CP Color/Finish: Polished Chrome Style: Purist Location: Bathtub and toilet door
	<u>Toilet tissue holder</u> Manufacturer: Kohler Model #: K-14444-CP Color/Finish: Polished Chrome Style: Purist Location: Adjacent to toilet, opposite of bathtub
	<u>Towel ring</u> Manufacturer: Kohler Model #: K-14441-CP Color/Finish: Polished Chrome Style: Purist Location: adjacent to sink on toilet / bath side
(Bath 2 & 3): Unit 5's (At Adaptable unit for Bath 3)	<u>30" towel bar</u> Manufacturer: Kohler Model #: K-14437-CP Color/Finish: Polished Chrome Style: Purist Location: Adjacent wall of bathtub
	<u>Robe hook</u> Manufacturer: Kohler Model #: K-14443-CP Color/Finish: Polished Chrome Style: Purist Location: At door
	<u>Toilet tissue holder</u> Manufacturer: Kohler Model #: K-14444-CP Color/Finish: Polished Chrome Style: Purist Location: Adjacent to toilet, opposite of bathtub
	<u>Towel ring</u> Manufacturer: Kohler Model #: K-14441-CP Color/Finish: Polished Chrome Style: Purist Location: adjacent to sink

End of Plumbing Fixture Specifications”

IV DRAWINGS & SPECIFICATIONS

Item No.

1. GENERAL NOTE ON “BY OTHERS”
Replace the term “by others” wherever it occurs in the drawings and specifications with the term “by Contractor”. All Work shown, called for, and/or described in the plans and specifications shall be the responsibility of the Contractor and shall be included in the base bid.

2. GENERAL NOTE ON “SEE GENERAL REQUIREMENTS OF THIS MANUAL FOR ADDITIONAL INFORMATION”
Delete this note in its entirety.

V LIST OF DRAWINGS

Item No.

1. **ADD** the following:
SKETCHES
11 Supplemental Structural Information dated 11-25-09, for Detail 1 on Drawing Number Sheet LCD-3

VI SKETCHES (Included and attached herewith)

Item No.

1. 11 Supplemental Structural Information dated 11-25-09, for Detail 1 on Drawing Number Sheets LCD-3.

VII CLARIFICATIONS

Item No.

1. The Unit Costs (regarding carpet and concrete) called for in the bidding documents are meant to establish a cost for these items as a basis for future add or deletes during construction. All carpeting, concrete hardscape, and porches shown, called for, and/or described in the plans and specifications shall be the responsibility of the Contractor and shall be included in the base bid.
2. Only the warranties and insurance called for and/or described in the contract documents, including the plans and specifications, shall be the responsibility of the Contractor and shall be included in the base bid.
3. UCSB general campus requirements from the Campus Fire Marshal’s office state that “Classrooms, office space, corridors, assembly areas, and residential facilities shall be classified as light hazard occupancies with a design density of .10 per

NFPA 13 section 5-2.3.” However the North Campus Faculty Housing – Phase I project, an off-campus residential project, has been reviewed by the Campus Fire Marshal and determined to require conformance to the criteria as listed in Specification Sections 07840, 13850, and 13900.

4. The Campus Fire Marshal has stipulated that all required public and private fire hydrants shall be installed, tested, and accepted prior to the storing of combustable building materials on site.

END OF ADDENDUM NO. 3

SECTION 03225 - UNDER-SLAB VAPOR BARRIER

Drawings and General Provisions of Contract, including General and Supplementary Conditions and Division 1, apply to work of this Section

PART 1 – GENERAL

1.1 SUMMARY

- A. Work includes labor, materials, appliances, tools, equipment, facilities, transportation, and services necessary for and incidental to performing operations in connection with furnishing, delivery and installation of the work of this Section, complete as shown on the drawings and/or specified herein.

1.2 REFERENCES

- A. American Society for Testing and Materials (ASTM):
 1. ASTM E 1745-09 Standard Specification for Plastic Water Vapor Retarders Used in Contact with Soil or Granular Fill Under Concrete Slabs.
 2. ASTM E 154-99 (2005) Standard Test Methods for Water Vapor Retarders Used in Contact with Earth Under Concrete Slabs, on Walls, or as Ground Cover.
 3. ASTM E 96-05 Standard Test Methods for Water Vapor Transmission of Materials.
 4. ASTM F 1249-06 Standard Test Method for Water Vapor Transmission Rate Through Plastic Film and Sheeting Using a Modulated Infrared Sensor.
 5. ASTM E 1643-09 Selection, Design, Installation, and Inspection of Water Vapor Retarders Used in Contact with Earth or Granular Fill Under Concrete Slabs.
- B. American Concrete Institute (ACI):
 1. ACI 302.2R-06 Guide for Concrete Slabs that Receive Moisture-Sensitive Flooring Materials.

1.3 SUBMITTALS

- A. Quality control/assurance:
 1. Summary of test results as per paragraph 8.3 of ASTM E 1745.
 2. Manufacturer's samples, literature.
 3. Manufacturer's installation instructions for placement, seaming and penetration repair instructions.

PART 2 – PRODUCTS

2.1 MATERIALS

- A. Vapor barrier must have the following qualities:
 1. Permeance as tested before and after mandatory conditioning (ASTM E 1745 Section 7.1 and sub-paragraphs 7.1.1 - 7.1.5): less than 0.01 Perms [grains/(ft² · hr · inHg)].
 2. Other performance criteria:
 - a. Strength: ASTM E 1745 Class A.
- B. Vapor barrier products:
 1. Basis of Design: Stego Wrap Vapor Barrier (15-mil) by Stego Industries LLC, (877) 464-7834
 - a. VaporGuard by Reef Industries, Inc
 - b. SuperFlex by MonarFlex USA

2.2 ACCESSORIES

- A. Seam tape:
 - 1. Same as barrier manufacturer.
- B. Vapor-proofing mastic:
 - 1. Same as barrier manufacturer.

PART 3 – EXECUTION

3.1 PREPARATION

- A. Ensure that subsoil is approved by Architect.
 - 1. Level and compact base material.

3.2 INSTALLATION

- A. Install vapor barrier in accordance with manufacturer's instructions and ASTM E 1643.
 - 1. Unroll vapor barrier with the longest dimension parallel with the direction of the concrete placement.
 - 2. Lap vapor barrier over footings and/or seal to foundation walls.
 - 3. Overlap joints 6 inches and seal with manufacturer's tape.
 - 4. Seal all penetrations (including pipes) per manufacturer's instructions.
 - 5. No penetration of the vapor barrier is allowed except for reinforcing steel and permanent utilities.
 - 6. Repair damaged areas by cutting patches of vapor barrier, overlapping damaged area 6 inches and taping all sides with tape.

END OF SECTION

04220 CONCRETE UNIT MASONRY:

1. Concrete masonry units shall conform with ASTM C 90, Hollow & Solid Load Bearing Concrete Masonry Units, and be normal weight units.
2. Aggregates for mortar shall conform with ASTM C 144, Aggregates for Masonry Mortar.
3. Aggregates for grout shall conform with ASTM C 404, Aggregates for Grout.
4. Masonry cement shall conform with ASTM C 91a, Masonry Cement.
5. Mortar cement shall conform with ASTM C 1329, Mortar Cement.
6. Portland cement shall conform with ASTM C 150, Portland Cement & Blended Hydraulic Cements.
7. Hydrated lime shall conform with ASTM C 207, Hydrated Lime for Masonry purposes.
8. Water shall be free from deleterious quantities of acids, alkalis, and organic materials.
9. Concrete masonry assemblages noted on the plans as not requiring special inspection shall be constructed in conformance with the following:
 - a) Design $f'_m = 1500$ PSI
 - b) Concrete block shall be certified. A Letter of Certification shall be furnished by the Material Supplier to the Building Official, Architect and Structural Engineer prior to delivery of the materials to the job site. The letter shall assure that the materials conform with ASTM C 90.
 - c) Mortar shall be type S and have been mixed in accordance with IBC Table 2103.7(1). The mortar mix shall achieve a 28 day strength of 1800 psi.

- d) Grout shall be mixed in accordance with IBC Table 2103.10 and on based on ASTM C 476, Grout for Masonry. The grout mix shall achieve a 28 day strength of 2000 psi. A Letter of Certification shall be furnished by the Material Supplier to the Building Official, Architect and Structural Engineer prior to delivery of the materials to the job site. The letter shall assure that the materials conform with specifications and achieve a 28 day strength of 2000 psi.
 - e) Construction of concrete masonry walls need not be inspected by a Special Inspector.
10. Concrete masonry assemblages noted on the plan as requiring special inspection shall be constructed in conformance with the following:
- a) Design $f_m = 1500$ PSI
 - b) Concrete block shall be tested. Tests of the blocks shall be made in accordance with ASTM C 140 Sampling and Testing Concrete Masonry Units. Tests shall be made of the blocks prior to the start of construction and during the course of construction at the rate of one test per 5000 sq. ft. of wall or fraction thereof. Test results shall be furnished to the Building Official, Special Inspector, Architect, and Structural Engineer. Test results shall assure that the materials conform with ASTM C 90 and achieve a minimum net compressive strength of 1900 psi.
 - c) Mortar shall be type S and have been mixed in accordance with IBC Table 2103.7(1). The mortar mix shall achieve a 28 day strength of 1800 psi.
 - d) Grout shall be mixed in accordance with IBC Table 2103.10 and on ASTM C 476, Grout for Masonry. The grout mix shall achieve a 28 day strength of 2000 psi. Tests of the grout shall be made in accordance with ASTM C 1019 Sampling and Testing Grout. Tests shall be made of the grout during the course of construction at the rate of one test per 5000 sq. feet of wall or fraction thereof. Test results shall be furnished to the Building Official, Special Inspector, Architect, and Structural Engineer. Test results shall assure that the materials achieve a minimum net compressive strength of 2000 psi at 28 days.
 - e) Construction of concrete masonry walls shall be inspected by a Special Inspector.
11. Steel reinforcing bars shall conform to ASTM A 615, Deformed and Plain Billet-Steel Bars for Reinforcing Steel. Bars shall be grade 60 except that no. 3 & 4 bars may be grade 40. Bars shall be deformed. Mill certificates for reinforcing bars shall be submitted to the Building Official and Special Inspector, if retained, prior to use, and to the Architect and Structural Engineer.

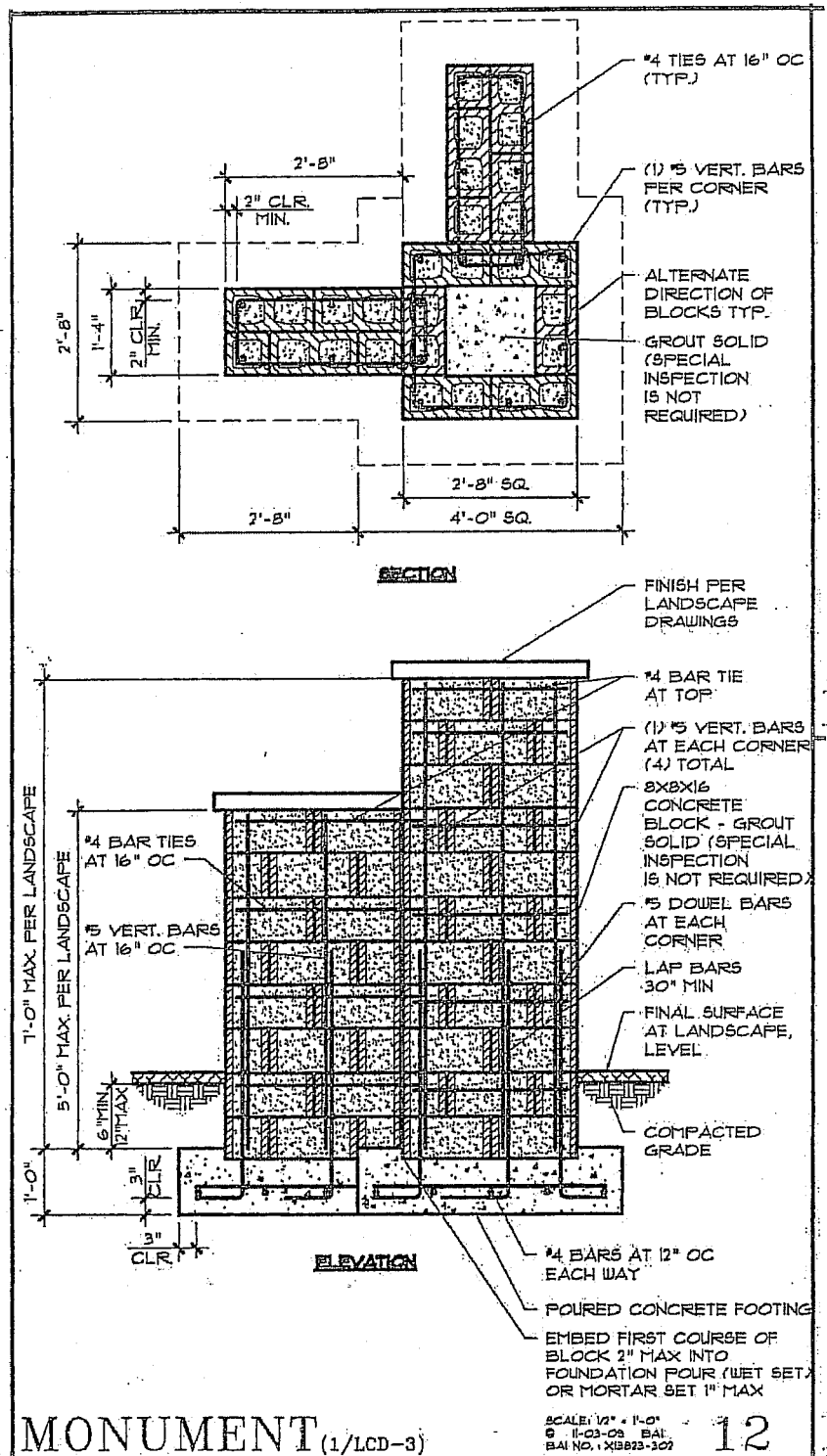
12. Fabrication and placement of reinforcing steel, embedded anchors and hardware shall be periodically inspected by a Special Inspector when placement of the concrete masonry assemblages is required to be inspected by a Special Inspector. Following are requirements of the Special Inspector:
- a) He shall verify the mill certificates.
 - b) He shall verify that the material used are properly stored and prepared for use.
 - c) He shall verify that construction details, procedures, and workmanship are in accordance with the Construction Documents and Building Code.
 - d) He shall verify that the reinforcement bar grade, size, placement, and splices are in accordance with the Construction Documents and Building Code.
 - e) A Certificate of Inspection shall be furnished by the Special Inspector to the Building Official prior to his inspection and to the Architect and Structural Engineer.
13. Placement of concrete masonry assemblages shall be continuously inspected by a Special Inspector when special inspection is noted as being required. The Inspector shall be present during preparation and taking of any required prisms or test specimens, at the start of laying units each day, after the placement of reinforcing steel to inspect the grout space prior to each grouting operation, and during all grouting operations. He need not be present during the entire laying operation provided he is present at the onset of each days work. Following are requirements of the Special Inspector:
- a) He shall verify the taking of test samples.
 - b) He shall verify that the material used are properly stored and prepared for use.
 - c) He shall verify that the concrete masonry units are in accordance with the Construction Documents and Building Code.
 - d) He shall verify that the mortar is properly prepared and placed in accordance with the Construction Documents and Building Code.
 - e) He shall verify that the grout used and placed is in accordance with the Construction Documents and Building Code. He shall verify load tickets for transit mixed grout.

- f) He shall verify that construction details, procedures, and workmanship are in accordance with the Construction Documents and Building Code.
 - g) A Certificate of Inspection shall be furnished by the Special Inspector to the Building Official prior to his inspection and to the Architect and Structural Engineer.
14. Cells shall be in vertical alignment to provide a minimum unobstructed core of 3"x3". Dowels from footings shall be set to align with cores containing reinforcing.
 15. All cells containing reinforcing, anchors or inserts shall be filled solid with grout. Other cells shall be grouted as noted on Construction Documents. Un-grouted cells shall be blocked with a grout stop fabric to prevent them from being inadvertently grouted.
 16. Concrete surfaces shall be cleaned of all lattices prior to setting blocks.
 17. Clean out openings shall be provided at the bottom of all cells to be filled at each lift or pour of grout where such lift or pour is in excess of 5 feet in height. Overhanging mortar or other obstruction or debris shall be removed from inside of cell walls. Clean outs shall be sealed after inspection, before grouting.
 18. Hold vertical reinforcing in position at top and bottom and at intervals not exceeding 200 bar diameters in masonry walls.
 19. All reinforcing bar bends shall be made cold.
 20. All anchor bolts and inserts shall be secured in place prior to placing concrete or grouting masonry.
 21. Welding of masonry reinforcement shall be the same as for concrete reinforcement, see section 03200, above.

06190 WOOD TRUSSES, LIGHT METAL PLATE CONNECTED, FOR ROOF SYSTEMS DESIGN BUILD

1. Work includes labor, materials, appliances, tools, equipment, facilities, transportation, and services necessary for and incidental to performing operations in connection with furnishing, delivery and installation of the work of this Section, complete as shown on the drawings and/or specified herein.
2. Not Used
3. LEED Submittal:
 - A. Certificates for Credit MR 7: Chain-of-custody certificates certifying that wood used to produce metal-plate-connected wood trusses complies with forest certification requirements. Include evidence that mill is certified for chain of custody by an FSC-accredited certification body.
 1. Include statement indicating costs for each certified wood product.
4. Materials , manufacture, fabrication, and quality control shall conform to ANSI/TPI 1 National Design Standard for Metal Plate Connected Wood Trusses
5. Steel metal plate connectors shall be ICC approved. Steel metal connectors shall be galvanized. Galvanizing shall conform with ASTM A 653, G-60 coating.
6. Lumber species for top and bottom chords shall be Douglas Fir-Larch or Spruce-Pine-Fir MSR lumber with a grade E value of 2,000 KSI or higher. Green lumber is acceptable. No Hem-Fir is to be used in chords but can be used for webs.
7. The manufacturer shall retain the services of a qualified licensed engineer to design the trusses and their hangers and supports. He shall sign and seal the truss design and placing drawings. The truss manufacturer shall be responsible for the adequacy of the design.
8. The manufacturer shall have the trusses fabricated in an ICBO certified shop.
9. The manufacturer shall design for and specify all fasteners, hangers, and hardware that support the trusses.
10. Installation of trusses in the structure shall be in accordance with the more restrictive of the manufacturer's directions or the Construction Documents.
11. Bracing, bridging and blocking of trusses shall be in accordance with the more restrictive of the manufacturer's directions or the Construction Documents.
12. Each truss shall be legibly branded, marked or otherwise have permanently affixed thereto the following information located within 2 feet of the center of the span on the face of the bottom chord.
 - a) Identity of the company manufacturing the truss.
 - b) The design load.
 - c) The spacing of trusses.
13. Trusses shall be cambered to relieve loading on non-bearing partitions.

END OF SECTION



SKETCH II - SUPPLEMENTAL STRUCTURAL INFORMATION

FOR DETAIL I - SHEET LCD-3

**DATED 11-25-09
 ADDENDUM #3**